CLAIM AMENDMENTS

1 (currently amended): A responsive system for digital signal processing, comprising:

a data transmission unit; and

a plurality of data processing units communicating with one another through said data transmission unit, said data processing units implementing at least one computer program dependent on a respective update status[[;]], the system being configured as follows:

a) each of said data processing units, during each communication, assigning a revision identity ~~characterizing its update status~~ to a signal produced by said data processing unit to characterize said respective update status of said signal;

b) one of said data processing units receiving the signal, performing a comparison to determine if the revision identity characterizing the received signal matches a revision identity stored for that signal; and

c) said one of said data processing ~~unit~~ units receiving the signal, performing said at least one computer program on

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~~regular processing of~~ the signal [[if]] upon matching

the received revision identity ~~matches~~ with the stored

revision identity and otherwise not performing said at

least one computer program on ~~regular processing of~~ the

signal.

2 (original): The responsive system according to claim 1,

wherein each of said data processing units has an analysis

module for carrying out the comparison.

3 (original): The responsive system according to claim 1,

including a first database storing the respective update

status of at least one of the signals and the computer

programs of all of said data processing units, and a second

database storing at least one of future modifications or

revisions of respective signals to be modified and respective

computer programs to be modified.

4 (original): The responsive system according to claim 1,

including a service system for updating at least one of the

computer programs and the signals of said data processing

units.

5 (currently amended): A method for operation of a responsive

system for digital signal processing, which comprises:

a) providing a data transmission unit;

b) providing a plurality of data processing units communicating with one another through the data transmission unit;

c) implementing at least one computer program depending on a respective update status in the data processing units;

d) producing a signal with one of the data processing units, and assigning a revision identity to the signal characterizing an update status of the signal, for each communication; and

e) carrying out a comparison in one of the data processing units receiving a signal to determine if the revision identity characterizing the received signal matches a revision identity stored for that signal; and

f) carrying out regular processing of the signal if the revision identities match, and otherwise not carrying out the regular processing of the signal.

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6 (original): The method according to claim 5, which further comprises storing the stored revision identity in an analysis module in the data processing unit receiving the signal and in a database.

7 (original): The method according to claim 5, which further comprises storing the stored revision identity in a database.

8 (original): The method according to claim 5, which further comprises storing the stored revision identity in an analysis module in the data processing unit receiving the signal.

9 (original): The method according to claim 6, which further comprises incrementing the revision identity characterizing the signal and the revision identity stored for the signal by a value of one for a revision relating to that signal.

10 (original): The method according to claim 7, which further comprises incrementing the revision identity characterizing the signal and the revision identity stored for the signal by a value of one for a revision relating to that signal.

11 (original): The method according to claim 8, which further comprises incrementing the revision identity characterizing

the signal and the revision identity stored for the signal by

a value of one for a revision relating to the signal.

12 (original): The method according to claim 6, which further

comprises providing the revision identity characterizing the

signal, and the revision identity stored for the signal, with

a negative mathematical sign when the signal is removed.

13 (original): The method according to claim 7, which further

comprises providing the revision identity characterizing the

signal, and the revision identity stored for the signal, with

a negative mathematical sign when the signal is removed.

14 (original): The method according to claim 8, which further

comprises providing the revision identity characterizing the

signal, and the revision identity stored for the signal, with

a negative mathematical sign when the signal is removed.

15 (new): The method according to claim 5, wherein

implementing at least one computer program depending on a

respective update status includes processing the received

signal if the revision identities of the received signal and

stored signal match and otherwise not processing the received

signal.